

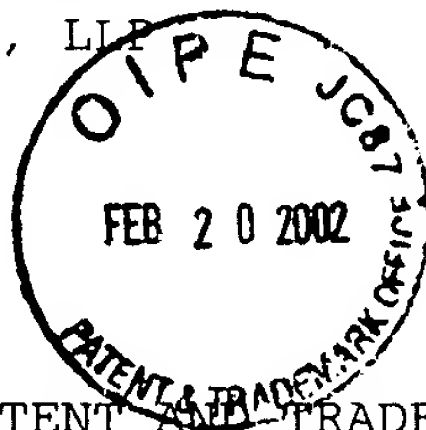


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DECEMBER 19, 2001

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OSTROLENK, FABER, GERB & SOFFEN, LLP  
JAMES A. FINDER  
1180 AVENUE OF THE AMERICAS  
NEW YORK, NEW YORK 10036-8403



\*101877370A\*

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NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
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DOC DATE: 09/25/2001

ASSIGNOR:  
SASABATA, AKIHIRO

DOC DATE: 09/27/2001

ASSIGNOR:  
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DOC DATE: 09/27/2001

ASSIGNEE:  
MURATA MANUFACTURING CO., LTD.  
DEPT. A170, 26-10, TENJIN 2-CHOME  
CORPORATION-JAPAN  
NAGAOKAKYO-SHI, KYOTO-FU 617-8555

JAPAN

SERIAL NUMBER: 09974668  
PATENT NUMBER:

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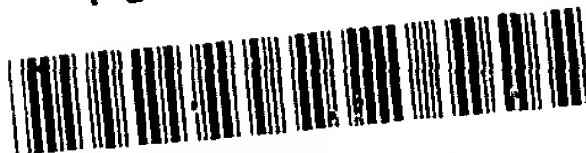
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P/1071-1451

PATI

101877370 COVER SHEET

To the Assistant Commissioner of Patents and Trademarks: Please record the attached original document or copy thereof.

1. Name of conveying party(ies):

Kazuya SAYANAGI  
Akihiro SASABATA  
Yutaka SASAKI

Individuals

Assignment

Execution Date: September 25, 2001 and  
September 27, 2001

2. Name and Address of receiving party(ies):

Murata Manufacturing Co., Ltd.  
Dept. A170  
26-10, Tenjin 2-chome,  
Nagaokakyo-shi, Kyoto-fu  
617-8555, Japan

Foreign Corporation-Japan

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09/974668

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

September 25, 2001 and  
September 27, 2001

A. Application No.(s)

B. Patent No.(s)

Additional numbers attached? No

5. Name and address of party to whom  
correspondence concerning document  
should be mailed:OSTROLENK, FABER, GERB & SOFFEN, LLP  
1180 Avenue of the Americas  
New York, New York 10036-8403

6. Total number of documents involved: 2

7. Total fee (37 CFR 3.41): \$ 40.00

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In the event the actual fee is greater than the  
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James A. Finder

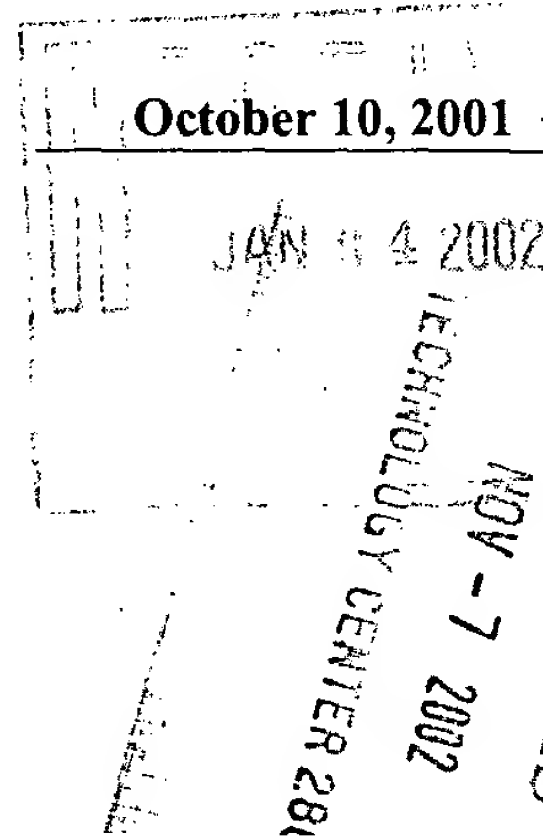
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09/974668  
10/10/01

PATENT APPLICATION ASSIGNMENT -  
SOLE OR JOINT INVENTORS  
EXECUTED OUTSIDE U.S.A.

OFGS FILE NO. P/1071-1451

WHEREAS, I (We), Kazuya SAYANAGI, Akihiro SASABATA and Yutaka SASAKI as assignor(s), have invented certain improvements in HIGH-FREQUENCY CIRCUIT BOARD UNIT, HIGH-FREQUENCY MODULE USING THE SAME UNIT, ELECTRONIC APPARATUS USING THE SAME MODULE, AND MANUFACTURING METHOD FOR THE HIGH-FREQUENCY CIRCUIT BOARD UNIT for which an application for United States Letters Patent has been executed by me (us) of even date herewith; and

WHEREAS, Murata Manufacturing Co., Ltd., Dept. A170, 26-10, Tenjin 2-chome, Nagaokakyo-shi, Kyoto-fu 617-8555, Japan as assignee, is desirous of acquiring all right, title and interest in and to said invention and any Patent that may be granted therefor.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, I (We), as assignor(s), hereby sell, assign and set over to said assignee the entire right, title and interest for the United States and all other countries in and to said invention and the aforesaid application for Patent, all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States and all other countries, including all rights of priority from the filing of said application, and all rights for past infringement, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said inventions or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for myself (ourselves) and my (our) legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications for Patent on said inventions and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said inventions, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to assist assignee, its successors, assigns and nominees to obtain patent protection for said invention in the United States and all other countries, the expenses incident to said applications to be borne and paid by said assignee.

Date: 9/25/2001

Kazuya Sayanagi  
Kasuya SAYANAGI

Date: 9/27/2001

Akihiro Sasabata  
Akihiro SASABATA

Date: 9/27/2001

Yutaka Sasaki  
Yutaka SASAKI

LEGALIZATION RECOMMENDED



UNITED STATES OF AMERICA COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION		OFGS FILE NO. P/1071-1451																																						
<p>As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that I verily believe that I am the original, first and sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are named) of the subject matter which is claimed and for which a patent is sought on the invention entitled:</p> <p><b>HIGH-FREQUENCY CIRCUIT BOARD UNIT, HIGH-FREQUENCY MODULE USING THE SAME UNIT, ELECTRONIC APPARATUS USING THE SAME MODULE, AND MANUFACTURING METHOD FOR THE HIGH-FREQUENCY CIRCUIT BOARD UNIT</b></p> <p>the specification of which is attached hereto, unless the following box is checked:</p> <p><input type="checkbox"/> was filed on _____ as United States patent Application Number or PCT International patent application number _____ and was amended on _____ (if any).</p> <p>I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.</p> <p>I acknowledge the duty to disclose all information known to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56.</p> <p>I hereby claim priority benefits under Title 35, United States Code §119 of any foreign application(s) for patent or inventor's certificate or United States provisional application(s) listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:</p> <p>Prior Foreign or Provisional Application(s)</p> <table border="1"><thead><tr><th>COUNTRY</th><th>APPLICATION NUMBER</th><th>DATE OF FILING (day, month, year)</th><th>PRIORITY CLAIMED UNDER 35 U.S.C. 119</th></tr></thead><tbody><tr><td>Japan</td><td>2000-324080</td><td>24 October 2000</td><td>YES <input checked="" type="checkbox"/> NO <input type="checkbox"/></td></tr><tr><td></td><td></td><td></td><td>YES <input type="checkbox"/> NO <input type="checkbox"/></td></tr><tr><td></td><td></td><td></td><td>YES <input type="checkbox"/> NO <input type="checkbox"/></td></tr></tbody></table> <p>I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.</p> <table border="1"><thead><tr><th>UNITED STATES APPLICATION NUMBER</th><th>DATE OF FILING (day, month, year)</th><th>STATUS (patented, pending, abandoned)</th></tr></thead><tbody><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr></tbody></table> <p>I hereby appoint customer no. 2352 OSTROLENK, FABER, GERB &amp; SOFFEN, LLP, and the members of the firm, Samuel H. Weiner - Reg. No. 18,510; Jerome M. Berliner - Reg. No. 18,653; Robert C. Faber - Reg. No. 24,322; Edward A. Meilman - Reg. No. 24,735; Steven I. Weisburd - Reg. No. 27,409; Max Moskowitz - Reg. No. 30,576; Stephen A. Soffen - Reg. No. 31,063; James A. Finder - Reg. No. 30,173; William O. Gray, III - Reg. No. 30,944; Louis C. Dujmich - Reg. No. 30,625; Douglas A. Miro - Reg. No. 31,643, and Michael J. Scheer - Reg. No. 34,425, as attorneys with full power of substitution and revocation to prosecute this application, to transact all business in the Patent &amp; Trademark Office connected therewith and to receive all correspondence.</p> <p>SEND CORRESPONDENCE TO: OSTROLENK, FABER, GERB &amp; SOFFEN, LLP 1180 AVENUE OF THE AMERICAS NEW YORK, NEW YORK 10036-8403 CUSTOMER NO. 2352</p> <p>DIRECT TELEPHONE CALLS TO: (212) 382-0700</p> <p>I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.</p> <table border="1"><tr><td>FULL NAME OF SOLE OR FIRST INVENTOR <b>Kazuya SAYANAGI</b></td><td>INVENTOR'S SIGNATURE <i>Kazuya Sayanagi</i></td><td>DATE <i>9/25/2001</i></td></tr><tr><td colspan="2">RESIDENCE (City and either State or Foreign Country) <b>Osaka-shi, Osaka-fu</b></td><td>COUNTRY OF CITIZENSHIP <b>Japan</b></td></tr><tr><td colspan="3">POST OFFICE ADDRESS <b>c/o Murata Manufacturing Co., Ltd., Dept. A170, 26-10, Tenjin 2-chome, Nagaokakyo-shi, Kyoto-fu 617-8555, Japan</b></td></tr></table>				COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 U.S.C. 119	Japan	2000-324080	24 October 2000	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>				YES <input type="checkbox"/> NO <input type="checkbox"/>				YES <input type="checkbox"/> NO <input type="checkbox"/>	UNITED STATES APPLICATION NUMBER	DATE OF FILING (day, month, year)	STATUS (patented, pending, abandoned)										FULL NAME OF SOLE OR FIRST INVENTOR <b>Kazuya SAYANAGI</b>	INVENTOR'S SIGNATURE <i>Kazuya Sayanagi</i>	DATE <i>9/25/2001</i>	RESIDENCE (City and either State or Foreign Country) <b>Osaka-shi, Osaka-fu</b>		COUNTRY OF CITIZENSHIP <b>Japan</b>	POST OFFICE ADDRESS <b>c/o Murata Manufacturing Co., Ltd., Dept. A170, 26-10, Tenjin 2-chome, Nagaokakyo-shi, Kyoto-fu 617-8555, Japan</b>		
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FULL NAME OF SECOND JOINT INVENTOR (IF ANY) <b>Akihiro SASABATA</b>	INVENTOR'S SIGNATURE <i>Akihiro Sasabata</i>	DATE <i>9/27/2001</i>
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